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(54) Title: METHODS OR RENAL CELL CARCINOMA PROGNOSIS AND TREATMENT SELECTION WITH CARBONIC ANHYDRASE IX

(57) Abstract: The present invention provides methods of aiding in a renal cell carcinoma prognosis that include quantifying expressed carbonic anhydrase in samples derived from renal cell carcinoma patients. The methods also identify patients that are likely to respond positively to selected courses of treatment. The invention further provides related computer program products.



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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : C12Q 1/00; G01N 33/53, 33/567, 33/574, 33/573, 33/569, 33/543; A61K 38/00; C07K 2/00, 4/00, 5/00
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B. FIELDS SEARCHED

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U.S. : 435/4, 7.1, 7.21, 7.23, 7.4, 7.92; 530/300, 350; 436/64, 86

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Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
MEDLINE, WEST, USPATENT DATABASES, DERWENT

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	IVANOV et al. Expression of Hypoxia-Inducible cell-surfaces transmembrane carbonic anhydrases in human cancer. March 2001, Vol. 158, No. 3, pages 905-919.	1-25

☐ Further documents are listed in the continuation of Box C.

☐ See patent family annex.

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